

**Amendments to the Specification**

**On page 9, please replace the paragraph beginning on line 4 with the following paragraph:**

The evaluating of the potential of affiliation (block 8), of the projected spectrum in relation to the different spectrum groups, previously processed according to the same process, and constituting a set of actives organised in distinct groups, is performed in the following manner:

- if the potential of affiliation of the current spectrum is greater than a pre-set threshold, said spectrum undergoes the following step, ~~brown-known~~ as the diagnostic step (block 9),
- if the potential of affiliation of the current spectrum is less than a pre-set rejection threshold, said spectrum undergoes the step known as the coalescence step (block 10),
- if the potential of affiliation of the current spectrum is greater than the rejection threshold and less than an acceptance threshold, there is an ambiguity; the current spectrum is directed toward the block 1, arrow B, for a repeat pre-processing.